

APPENDIX 8.14B

Projected Schedule for the City of Turlock Water Recycling Project

Route	

Project Design Memorandum

To: Dan Madden
From: Jean-Marc Petit
Date: October 8, 2002
Subject: Turlock Water Recycling Facility
 Proposed Project Schedule
WO#: 6324.A10

CC: Mike Britten

PROPOSED PROJECT SCHEDULE

A. WATER RECYCLING PROJECT

<u>Task</u>	<u>Description</u>	<u>Expected Completion Date</u>
	DESIGN 75% COMPLETE	September 15, 2002
	CAROLLO 90 % Complete QM Review START	November 1, 2002
	DESIGN 90% COMPLETE TO CITY FOR REVIEW AND APPROVAL	November 30, 2002
	90% OPINION OF PROJECT COST	November 30, 2002
	SUBMIT P&S TO DHS FOR REVIEW AND APPROVAL OF TERTIARY PROCESSES	November 30, 2002
	SUBMIT P&S TO CITY OF TURLOCK BUILDING DEPARTMENT FOR REVIEW AND APPROVAL OF PLANS AND SPECIFICATIONS	November 30, 2002
	CAROLLO QA/QC 90% COMPLETE	November 30, 2002
	FINALIZE DRAWINGS AND SPECIFICATIONS 100%	December 31, 2002
	EXPECTED DATE OF APPROVAL FROM REGULATORY AGENCIES FOR PLANS AND SPECIFICATIONS	February 28, 2003
	ENVIRONMENTAL (EIR) STUDY COMPLETED BY ESA, INCLUDING PUBLIC REVIEW COMMENTS	March 1, 2003
	ADVERTISE FOR BID	March 3, 2003
	PRE-BID MEETING	March 20, 2003
	OPEN BID	April 16, 2003
	NOTICE OF AWARD	April 23, 2003
	NOTICE TO PROCEED	May 1, 2003
	PRE-CONSTRUCTION CONFERENCE	May 7, 2003
	CONTRACTOR STARTS WATER RECYCLING PROJECT	May 15, 2003
	MILESTONE NO. 1: ALL TERTIARY PROCESSES COMPLETE AND READY FOR USE: SE PS, SE EQ, DENSADEG, FILTERS, CCT, CL 2 BLDG. CHEM FEED, DECHLOR., NO. 2 WATER, PRIMARY ELECTRICAL SERVICE	June 30, 2005 (26 months)
	MILESTONE NO. 2: FRI FLUMES, PF NO.3, PSPS, ACID PHASE, METHANE PHASE, BIOTOWER PS, GRIT	October 31, 2005

SUBSTANTIAL COMPLETION WATER RECYCLING FACILITY	(30 months) December 31, 2005
FINAL COMPLETION, READY FOR FINAL PAYMENT	(32 months) April 30, 2006
NPDES MANDATORY COMPLIANCE DATE	(36 months) May 1, 2006 (36.5 months)

B. PIPELINE AND POST AERATION FACILITY

The proposed schedule for the pipeline project (currently on hold) is shown below for your information.

<u>Task</u>	<u>Description</u>	<u>Expected Completion Date</u>
	ENVIRONMENTAL (EIR) STUDY COMPLETED BY ESA, INCLUDING PUBLIC REVIEW COMMENTS	March 1, 2003
	CITY HAS AUTHORIZATION TO START LAND AND ROW ACQUISITIONS	March 1, 2003
	START DESIGN	March 1, 2003
	GEOTECHNICAL INVESTIGATION COMPLETED	March 31, 2003
	SURVEY	March 31, 2003
	DESIGN 25% COMPLETE	April 30, 2003
	DESIGN 50% COMPLETE	June 30, 2003
	50% OPINION OF PROJECT COST	June 30, 2003
	CAROLLO QA/QC 90% START	September 15, 2003
	SUBMIT P&S TO DHS FOR REVIEW AND APPROVAL OF PIPELINE AND POST-AERATION AS PART OF TITLE 22	September 15, 2003
	SUBMIT P&S TO STANISLAUS COUNTY BUILDING AND PLANNING AND ZONING DEPARTMENTS FOR REVIEW AND APPROVAL OF PLANS AND SPECIFICATIONS	September 15, 2003
	CAROLLO QA/QC 90% COMPLETE	September 15, 2003
	FINALIZE DRAWINGS AND SPECIFICATIONS 100%	November 30, 2003
	EXPECTED DATE OF APPROVAL FROM REGULATORY AGENCIES FOR PLANS AND SPECIFICATIONS	January 31, 2004
	ADVERTISE FOR BID	February 16, 2004
	PRE-BID MEETING	March 1, 2004
	OPEN BID	April 1, 2004
	NOTICE OF AWARD	April 15, 2004
	NOTICE TO PROCEED	May 1, 2004
	PRE-CONSTRUCTION CONFERENCE	May 15, 2004
	CONTRACTOR STARTS PIPELINE/ POST AERATION PROJECT	June 1, 2004
	MILESTONE NO. 1: COMPLETE POST AERATION FACILITY, READY FOR USE.	June 30, 2005
	MILESTONE NO. 2: PIPELINE COMPLETED	June 30, 2005
	SUBSTANTIAL COMPLETION PIPELINE/POST AERATION	August 31, 2005

FACILITY

FINAL COMPLETION READY FOR FINAL PAYMENT,
PIPELINE/POST AERATION FACILITY

December 31, 2005

NPDES MANDATORY COMPLIANCE DATE (POST
AERATION FACILITY – 7.5 mg/L D.O.)

May 1, 2006